



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIB DATA SHEET

CONFIRMATION NO. 4963

SERIAL NUMBER	FILING or 371(c) DATE RULE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
10/516,575	06/28/2005	343	2617	MAT1-223US		
APPLICANTS Shaomin Samuel Mo, Monmouth Junction, NJ; Alexander D. Gelman, Smallwood, NY; ** CONTINUING DATA ***** This application is a 371 of PCT/US03/40224 12/16/2003 which claims benefit of 60/433,920 12/16/2002 and claims benefit of 60/451,506 03/03/2003 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **						
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and /MARCOS L TORRES/ Acknowledged Examiner's Signature		<input type="checkbox"/> Met after Allowance Initials	STATE OR COUNTRY NJ	SHEETS DRAWINGS 10	TOTAL CLAIMS 32	INDEPENDENT CLAIMS 5
ADDRESS RATNERPRESTIA P O BOX 980 VALLEY FORGE, PA 19482-0980 UNITED STATES						
TITLE Using multiple receive antenna to determine the location of a transmitter with respect to a receiver in ultra wideband systems						
FILING FEE RECEIVED 1472	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		